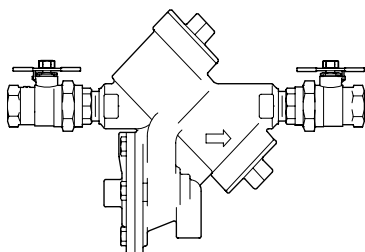


# Model 975XLU

Reduced Pressure Principle Assembly  
with Union Ball Valves



## FEATURES

Sizes: ☐ 3/4" ☐ 1" ☐ 1 1/4" ☐ 1 1/2" ☐ 2"

Maximum working water pressure 175 psi  
Maximum working water temperature 180° F  
Threaded connections (FNPT) ANSI B1.20.1

## OPTIONS

(Suffixes can be combined)

- ☐ - with full port union ball valves (standard)
- ☐ BMS - with integral battery-operated relief valve monitor switch (include BF-046)
- ☐ MS - with integral relief valve monitor switch (include BF-027)
- ☐ S - with bronze "Y" type strainer

## ACCESSORIES

- ☐ Air gap (Model AG)
- ☐ Repair kit (rubber only)
- ☐ Thermal expansion tank (Model WXTP)
- ☐ Soft seated check valve (Model 40)
- ☐ Shock arrester (Model 1250)

## APPLICATION

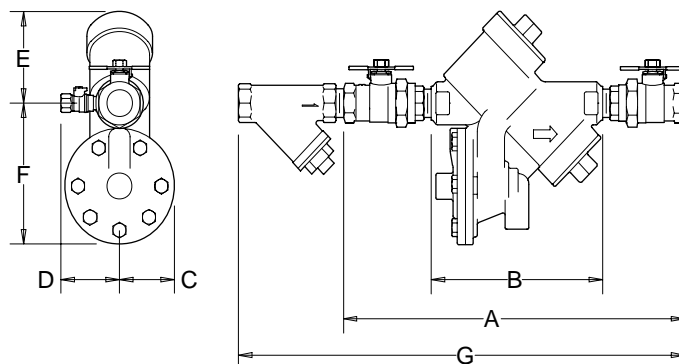
Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. The Model 975XLU provides protection where a potential health hazard exists.

## STANDARDS COMPLIANCE

- ☐ ASSE® Listed 1013
- ☐ IAPMO® Listed
- ☐ CSA® Certified
- ☐ AWWA Compliant
- ☐ City of Los Angeles Approved
- ☐ Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California

## MATERIALS

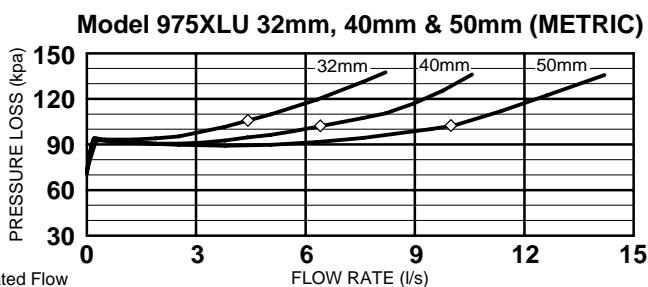
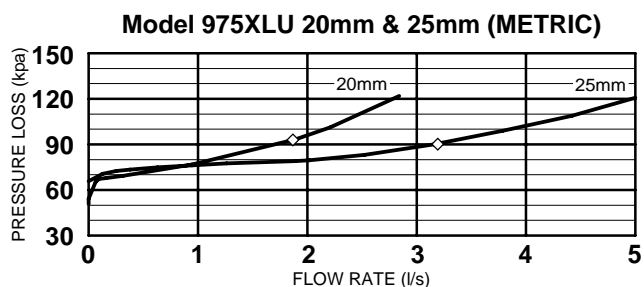
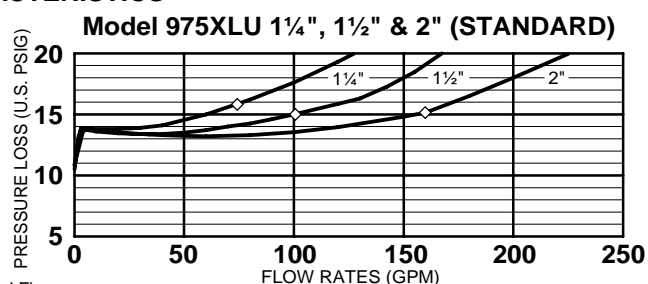
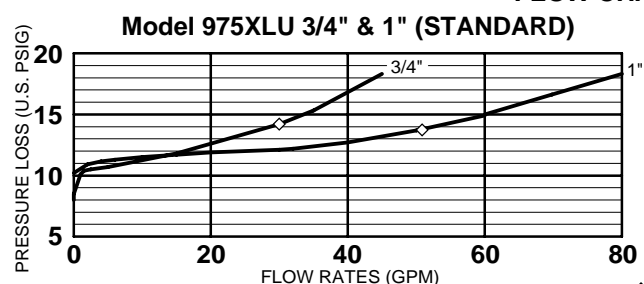
Main valve body	Cast bronze ASTM B 584
Access covers	Cast bronze ASTM B 584
Internals	Stainless steel, 300 Series
Elastomers	Silicone (FDA approved) Buna nitrile (FDA approved)
Polymers	Noryl™, NSF Listed
Springs	Stainless steel, 300 series



## DIMENSIONS & WEIGHTS (do not include pkg.)

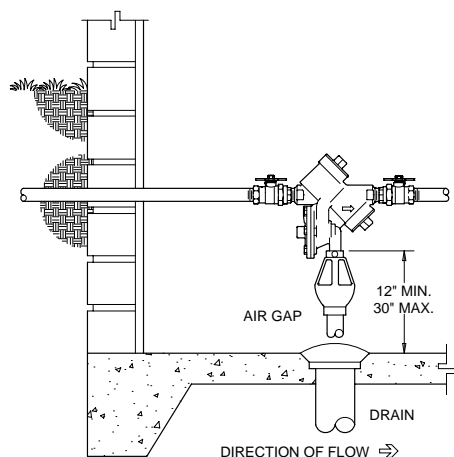
MODEL SIZE	DIMENSIONS (INCHES)							WEIGHT (LBS)	
	A	B LESS BALL VALVES	C	D	E	F	G	LESS BALL VALVES	WITH BALL VALVES
3/4"	14.00	7.75	2.10	3.00	3.50	5.00	15.75	10.0	12.0
1"	14.25	7.75	2.10	3.00	3.50	5.00	17.75	10.0	13.0
1 1/4"	19.00	10.92	2.70	3.50	5.00	6.70	22.00	22.0	26.0
1 1/2"	20.00	10.92	2.70	3.50	5.00	6.70	23.14	22.0	26.0
2"	21.25	10.92	2.70	3.50	5.00	6.70	25.50	22.0	33.0

## FLOW CHARACTERISTICS

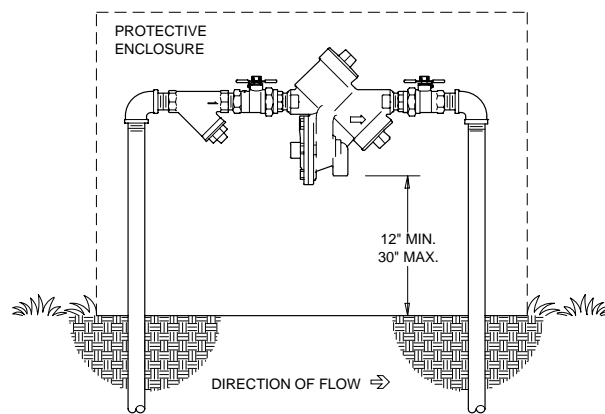


## TYPICAL INSTALLATION

Local codes shall govern installation requirements. To be installed in accordance with the manufacturers' instructions and the latest edition of the Uniform Plumbing Code. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305mm) and a maximum of 30" (762mm) above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged or where relief valve discharge could cause damage.



INDOOR INSTALLATION



OUTDOOR INSTALLATION

## SPECIFICATIONS

The reduced pressure principle backflow preventer shall be ASSE® 1013 Listed, rated to 180° F and supplied with full port union ball valves. The main body and access covers shall be bronze (ASTM B 584), the seat ring and all internal polymers shall be NSF® Listed Noryl™ and the seat disc elastomers shall be silicone. The first check shall be accessible for maintenance without removing the relief valve. If installed indoors, the installation shall be supplied with integral monitor switch and air gap piped to a properly sized drain. The reduced pressure principle backflow preventer shall be a WILKINS Model 975XLU.